REVENUE REPORT

ON

The Irrigation Works of the Ajmer-Werwara District

For the year 1922-23



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RAJPUTANA PROVINCE.

Public Works Department.

IRRIGATION BRANCH.

Chief Commissioner's review of the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23.

No. 231-S.

Dated Mount Abu, the 31st March 1924.

READ-

Memorandum No. 2626-IX—21 (1)-III, dated the 13th February 1924, from the Commissioner of Ajmer-Merwara forwarding the Revenue Report on Irrigation Works in Ajmer-Merwara for the year 1922-23, together with the usual appendices.

OBSERVATIONS.

- 1. The average rainfall during the year 1922-23 was 1657 inches as against 1791 inches in 1921-22 and a normal of 21 inches.
- 2. From an irrigation point of view the year under report was fairly satisfactory, the outturn of Rabi and Kharif harvests being fair. The total gross revenue assessed for the year amounted to Rs. 1,26,769 as compared with Rs. 1,14,812 for 1921-22.

The financial results of the year are tabulated below:-

TOTAL CAPITAL OUTLAY INCLUDING DIRECT CHARGES.					Revenu Ections		Work	ikg Exp	enses.	.01	ge of net on Capital 1922-23.	
Sub-Collectora	te.		During the year.	To end of the year.	Irrigation Revenue.	Miscolla- neuns receipts.		Direct.	Indirect.	Total.	Net Revenue.	Porcentage royenue on at end of 15
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Re.	Rg.	
Ajmer				18,61,805	47,579	2,653	50,232	65,614	3,215	68,729	18,497	-0.99
Beawar		•	•••	11,94,229	31,331	1,745	33,076	19,222	944	20,166	12,910	1.08
Todgarh	•		1,952	4,91,899	20,292	335	20,627	35,388	1,766	87,154	16,527	-335
Total for 1922-23		•	1,952	95,47,933	99,202	4,733	1,03,935	1,20,124	5,925	1,26,049	-22,114	-0.65
Total for 1921-22	•	•	37,956	35,45,951	1,07,262	6,578	1,13,840	1,10,206	5,093	1,15,299	-1,459	-0.04

Two diagrams of financial and working records are attached.

3. The following table compares the Irrigation revenue assessed for the par 1921-22 with the area irrigated and protected:—

	Irrigation	. Aı			
Sub-Collectorate.	Revenue assessed.	Irrigated.	Protected.	Total.	Assessment per acre.
	Rs.	Rs.	Rs.	Rs.	
Ajmer	37,090	5,953	1,423	7,376	. 5.03
Beawar .	31,046	2,583	5,423	8,006	3.87
Todgarh	20,071	1,288	1,939	3,227	6.21
Total for 1922-23	88,207	. 9,824	8,785	18,609	4.74
Total for 1921-22	1,03,234	16,660	6,771	23,431	4.61

The Irrigated Revenue assessed includes all assessments due to protected as well as irrigated areas, and also the fixed yearly assessment of

- (a) Rs. 35,798 on crops irrigated from wells, and
- (b) Rs. 7,395 on account of difference between dry and wet rates.

Of the area irrigated 5,943 acres were cultivated under *Kharif* and 3,881 acres under *Rabi* as compared with 10,168 and 6,492 acres, respectively, in 1921-22.

No remissions were made during the year under report.

The outstandings of revenue demand at the end of 1922-23 aggregated Rs. 22,345.

4. The working expenses were distributed as follows:—

Details of working expenses.									1921-22.	, 1922-23,	Increase (+) or Decrease ().	
										Rs.	Rs.	Rs.
Extensions and Mai	nter	ance		•		•			•	70,821	75,962	+5, 1 41
Establishment		,						•		36,939	42,074	+5,135
Tools and Plant			•		•	,		1		2,446	1,628	-818-
•		S	Sundr	ies,								
Suspense		•			•				٠,	* ***	541	+541
Deduot-I	leoo'	veries (on Re	venue	accon	ınt	•	•		***	81	81
Leave and Pension									.[4,385	5,165	+780
Audit and Account				•		•	•	٠		708	7 60	+52
Millio and Hosean	1		•									
•									}	1,15,299	1,26,049	10,750

The working expenses per acre irrigated and protected rose from Rs. 4.92 in 1921-22 to Rs. 6.77 in 1922-23. The increase is due to the area irrigated in 1922-23 being less than that of the previous year by 4,822 acres and to more expenditure to the extent of Rs. 10,750 mainly in the Ajmer and Todgarh Sub-Collectorates.

^{5.} The value of crops raised on 18,609 acres during 1922-23 was estimated at Rs. 6,61,016. The principal crops were cotton, barley, maize, mixed grains and wheat, and their estimated values were Rs. 2,04,211, 1,05,239, 1,47,014, 72,694 and 56,750 respectively.

6. During the year experiments were made to ascertain the outturn of cotton, maize and gujji (barley and wheat) in the Ajmer Tehsil and maize in the Todgarh Tehsil. The results are shown in statement No. VI attached, prescribed under rule 49 of the Irrigation Rules.

Ordered.—That this review, together with the papers read in the preamble, be printed and 12 copies furnished to the Government of India under a covering letter and 2 advance copies each to the Public Works and Revenue and Statistics Departments of the India Office.

H. J. OLIPHANT,

Secretary to the Hon'ble the Chief Commissioner,

Ajmer-Merwara, in the Public Works Department.

900'EE Actual collections.	7,650			Balance not due at the cad of the year.	696	784,82 784,82	903,31 891,01	668,I 662	205,66 027,26	Tomià
20,625	245,24 245,24			812,4	696	808,12	101/1	891,2	919'86	dragaeT
47 8						218			LTE	Add amount realized by
\$5\$'\$0'I	32,345	:		21,376	696	697,82,I	804,16	891,2	£93'86	. латоТ филаф
0}8 81,1 860,81,1	894 ' 88 [°]		,	009,18 709,08	891,2 801,2	319'L7't	196'86 409'66	2,196 028,1	618,11,1 721,21,1	—1921-22 1921-1261
1,21,488 48,534	196'97 71'818		 611'8	13'481	1,320	1,36,852 1,36,852	13,463 13,463	4,044 2,112 4,044 10,760	886,26 886,21,1	

VI. The following table shows the figures of demand, collection and belance of the year 1922-23, as compared with those of the previous five years:—

1609'81	£2116	\$561'6	-	•		•	•	•	•	•*	•	•	1355-33
72 167 157 ² 2	54, 368, 11	11,59523	-	•	•	٠	•	•	•	•	•	•	65-156I
Acros.	Acres. 12,415	Acres. 11,962		•	•	•	٠	•	•	•	•	•	1920-21
Total.	Rubi.	NinhA.						•,	rans,Z				

The figures of Kharif and Rabi cultivation for the two previous years are compared below with those of 1922-23 :--

£600'SI	•	•	•	•	•	•	•	•	•	1855-53
53'.F3J 110	•	•	•	•	•	•	•	•	٠.	767 76T
266,42	•	•	•	•	•	• .	٠.	• .	•	I2-020I
\$f.68 ' 95	•	•	•	•	•	•		•	•	1818-50
14,581,7	•	•	•	•	•	•	•	• .	•	61-8161
f191'08	•	•	•	•	•	•	•	•	•	21-7191
veres.				•						L_{exc}

as against 23,431 acres in the preceding year.

The area is compared below with the figures of the previous five years:—

The decrease is due to insufficiency of water in tanks.

V. The total area assessed for both the harvests amounted to 18,600% acres

VII. Remissions.—No remissions were made during the year under report.

VIII Working expenses.—The working expenses amounted to Rs. 1,26,049 as against 1,15.299 in 1921-22 and 1,07,890 in 1920-21.

The details of expenditure in accordance with the statement furnished by the Accountant-General, P. W. D., are as follows:—

1,11,853	Ę.							
09 †	•	•	•	•			•	. səirban2
829 , I	•	•	•	•	•	•	•	Tools and plants
808,88	•	•	•	• '	•	•	•	Establishment .
796 ' 92	•	•	•	•	•	•	•	* Works and repairs
1,26,049	- ,	eal	·oT					
2,925	• .	•	•	•	•	•	•	, 23g1min 10011bit (a)
1,11,853	•	٠	•	•	•	•		sogrado dostibul (s)
172,8	• .	•	•	•	•	•	•	(a) Revenue management *(b) Cost of maintenance

The expenditure of the year as compared with that of the previous year shows an increase of Rs. 10,750, which is mainly due to higher expenditure in Ajmer sub-collectorate.

IX. Percentage on revenue and area assessed.—The working expenses which amounted to Rs. 1,26,049 were more than the gross revenue assessed by Rs. 33,186.

The incidence of the working expenses on the area assessed was Re. 1 on 15 acres.

X. The actual revenue collected amounted to Rs. 1,04,424 and the working expenses to Rs. 1,26,049, showing a deficit of Rs. 21,625.

XI, Experimental cuttings,—During the year under report experiments were made to ascertain the outturn of maize, cotton and gujji (barley wheat) and the results are shown in statement VI prescribed under rule 49 of the trigation rules,

MIX. Area and value of different kinds of crops.—The total area and estimated value of the produce of different kinds of crops irrigated in 1922-22 are as shown below:—

003'05'6	4° 181'88	310,10,0	\$609'8T	880,1.8,0	{ F 29'91	728,07	‡ 986'1	fajo	Т	-
821'64'4	Y016'11	7:28'02'8	₹662,11	231,25,8	\$200'0T	E01.,1.1.	f922'T	•	•	Mara
-3.11 270,70,2	Acros. 8,485	191,48,2	.8978,7 ·	Rs. 2,62,236	Acres. 6,667	Rs. 31,925	Acres.	•	•	79m į A
Estimated value	улся	Estimated value.	Area.	Estimated value.	Area	bəfamiteA .enlav	улст	. 4.	ofithe	D!
,22-1261 no	TOTAL Y	ов 1824-23-	TOTAL F	.ND VARIA-	4	LE TANKS	CROP BA			

IRRIGATION WORKS IN RAJPUTANA.

Memo. explaining the increase in the working expenses of 1922-23 compared with those of 1921-22.

Working expenses.	1921-22,	1922-23.	Difference between the actuals of 1921-22 and 1922-23.	Explanation of difference.
and the second s	Its.	Rs.	Rs.	
Extensions and maintenance	70,821	75,962	5,141	1
Establishment	30,939	42,074	5,135	
Tools and Plant	2,110	1,628	-818	
Sundries :		5.11	541	Higher expenditure in Ajmor and Todgarh Sub-Collectorates ascount for the increase.
Suspense	•••	511	541	
Deduct-Recoveries on resenue account.	***	81	81	
Leave and Pensionary charges	4,385	5,165	760	J
Audit and Accounts Establishment .	708	760	52	
Total .	1,15,299	1,20,049	10,760	

B. L. NEHRU,

Deputy Accountant-General,

for Accountant-General, United Provinces.

I.-B.

IRRIGATION BRANCH.

Capital account of Irrigation Works in Rajputana for and to end of the year 1922-23,

10101	Tanks in Todgarh Sub- Coll otorate.	Tanks in Beawar Sub, Collectorate.	Tanks in Ajmer Sub- Collectorate,	(2) Upproductive Works.	A.—Ireigation Wores.		,	Name of work.	,	-
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;	:	:	ŧ		Ks.	;	ယ	Establishment.		
] :	:	ŧ		Ks.	,		Tools and plant.		
;]:	:	:				¢л	Profit and Loss.	Dir	
:	:	:	:	_	Re.		6	Loss by Exchange.	er ch	DUR
1,952	1,952	:	:		Rs.		~7	Suspense account.	Dibect charges,	DURING THE YEAR
1,952	1,952	:	:		18.	-	∞	Total.	•	A HH.
	:	:	:		Жg.		9	Deduct Receipts and recoveries on capital account.		EAR.
1,952	1,952	:	ŧ		Кв.	,	10	Net Total.		
:	:	_ <u>_</u>	:		жя.	- -	11	Capitalised abatement of land revenue.	IND	
:	:	:	:		ž.	-	12	Leave and Pension- ary charges.	INDIBECT CHARGES	
:	:	:	:		ES.	,	18	Audit and Accounts Establishment.	спьво	
	:	_:_	÷		Ks.	-	14	Total	Es.	
1,952	1,952	:	1		Ks.	,	15	Grand Total.		
27,18,362	8,74,853	8,80,059	14,63,450		"R	-	16	Works.		
6,83,524	79,946	2,44,778	3,08,800		Rs.		17	Establishment.		
35,678	3,319	78 15,034	800 17,825		Rs.		16	Tools and Plant.		
8,548	ï	:	3,548		Ba.		19	Profit and Loss.	Dire	
167	:	:	167		Bg.	_	20	Loss by Exchange.	T CH	
18,110	13,110	:	:	_	Rs.		21	Suspense account.	Direct Charges.	ij
34,04,389	4,71,228	11,99,671	17,93,290		. Bg.		22	Total.	•	TO END OF THE YEAR.
1,386	:	396	590		Rs.		:3	Deduct Recoveries and receipts on capital account.		HIT &
84,03,003	4,71,228	11,39,475	17,92,300 20,154		Es.		to St	Net total.		YEAR.
14,091	9,157	14,788	20,154		Rs.	-	25	Capitalised abate- ment of land reve- nue.		
44,091,00,606	11,514	39,741	49,351		Rs.		226	Leave and Pensionary charges.	Indinect changes.	
230	:	280	:		Ba.		27	Audit and accounts establishment.	СПУН	
1,44,930	20,671	54,754	69,505		Rs.		:33 	Total.	tges.	
1,44,980 85,47,933	4,91,889	54,754 11,04,229	18,61,805		Bg.		29	GEAND TOTAL.		,

B. L. NEHRU,

Deputy Accountant-General, for Accountant-General, United Provinces,

Statement showing the financial results of Irrigation works in Rajputana for the year ending the 31st March 1923.

Reali-ation under main heads of Revenue and Working Expenses.

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271 9		1,821 2	2,503	047 5		#. -	⊹	5	<u> </u>	Management.	1	H	
9.387		2,839	1,411	5,147		₩.		17	_	Direction.	Estat		
23,416 [7,357	3,670	13,339		F.	_	18	1	Executive.	Establühment.		
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33,803]		10,163	5,081			K8.	'	8	-	Total.		H	WORKING EXPENSES
631,62	20100	12,055	1,864				d	ļ <u></u>		Works.		MAINTENANCE	NG EXI
201,18	234 47	10,836	9,553	27,874		Þ.	d 1	1	3	Repairs.		Non.	PENSES
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22, 3	_ 95 T14	-10,527	12,910	-18,497	- 		₹	:	ŝ	Net Revenue.			

B. L. NEHRU,

Deputy Accountant-General,

for Accountant-General, United Provinces.

Revised statement suo		•
RIVANOTAL BESULTS OF T	ing the Financial results of Irriga	RAJEUTANA
RIVANCIAL DESULTS OF THE THAR 1922-23.	the mine the Financial results of Irrigation Works for, and up to the control of	to the end of 1922-23.

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							<u> </u>	Vun	ber o	f works.				
		sub-collectorate	Tanks in Beawar Sub-collectorate	Tanks in Ajmer Sub-collectorate	UNPRODUCTIVE WORKS		to				Name of works.			ಟೆ
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	35,34,823	<u> </u>	11,94,229	18,61,805		. B.	G		(dir	ated cost of comple	,	work	General Financial results	Revised statement snowing
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-	- 	+			. ,		Rs.	9		ccumulated			1	3
	69,60,738		6,57,523	19,14,478	33,88,737		Rs.	10		otal sum-e 7 + colum		(colun	<u> </u>	_
	6 1,03,935		20,627	33,076	50,232		Bg.	F	1	Fross receip direct.)			_	
	1,26,019		37,154	20,166	68,729		₩ 8	;	19	Working ex indirect).	penses (d	lirect	and	F.
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T	0.37		-2.51	0.67	0.56		. %		16	Percentage column	+ 3.3252	ner cen	t. on	F THE YE
S. CHAKRAVARTI,	1,14,935		15,849	. 39,488	50,598		R.		16	direct C 1916-17 per cen	apital our plus inte t. on di ron 1917 half the	erest at crect consider	5.48 apital 1921-	FINANCIAL RESULTS OF THE YEAR 1922-23.
AV.			<u> </u>		:		Rs.		17	Net prof	it.			
ARTI,	1,37,049		32,376	25,578	78,095		Ke.	1_	18	Net loss.				-
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	121.28	191.90	180·12	60.97	186-82	,	۵		. 20.	Percent to recolumn	age of wor ceipts (co n 12.)	rking e olumn	xpense 11 to	8 0

J. S. CHAKRAVARTI,

Accountant General, United Provinces.

JO.

III-C.

Demands and realisations during the year 1922-23 in Ajmer-Merwara District.

	Kerkoj ir id sograpij	Halance of Deredbunding in AT Commencemental up The head,	The skat,		Dra	Demands of the year	HE YEAR.			co at tho	ot in-		DEDUCT AMOUNT BRALISED AT CLO OF THE YEAR.	DEDUCT AMOUNT UNBELLISED AT CLOSE OF THE YEAR.	year.	
	and depress to a construction		are our dans to the first	Water Perenue.	precue.	**648-	tweep ites.		•	r balan t of	ions ne efunde.				of the	
Class of wasks.	borg T T T	Not due on account of Habi	Total	Elarif	Rabi.	Share of well a ment.	Difference bet dry and wet r.	Miscellancous.	Total.	Total including commencemen year.	Deduct remissi	Net total.	Due.	Not due.	Actual Receipt	Кеманев,
Cror ware ranks.	10 10 10	. 100	3,497	1.182	1.603			494	2.879	0,176		6.176	978	1.003	4,827	•
THE STATE OF THE S	: ;	2,226	S	261	1,62,1	: :	: :	459	2,828	5,076	: :	5,076	540	1,624	8,452	
Kolgarh do.	:	1,239	- #859	202	\$07	:	•	135	1,250	2,489	:	2,489	:	807	1,682	
#47 20 20 20 20 20 20 20 20 20 20 20 20 20	1,783	6897	1307	2,211	3,431	:		1,082	0,757	13,741	:	13,741	846	8,484	194'6	
Paris and variably arished	~~~	ne water production of														- -
April bale cheforate	2	14,627	15,203	13,230	6,679	12,471	3,605	1,608	36,718	61,921	<i>{</i>	51,921	123	5,678	4v,120	
	15(3	(2.2)	£,389	5,770	8,528	10,769	8,301	1,221	29,892	38,381	:	38,381	:	8,828	29,553	
in the second	:	0,925	8,925	2,376	3,436	12,658	680	198	19,161	22,379	i	22,379	•	3,430	18,943	
Total	250	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20,922	51,3%	15,943	\$5,798	7,595	9,297	85,769	1,12,681	:	1,12,681	123	570,71	94,616	
And the second s			32,503	23,637	21,377	35,798	7,305	4,300	92,516	1,26,422	:	1,26,422	969	21,876	1,01,077	

*The Resease of Re. 139 as apagased with last year's offuses is due to the fact that Whatonigof contain willages were revised after submission of the Report.

E. C. GIBSON, 1.0.S,

Commissioner, Ajmer-Merwara.

Statement showing the Financial Result of Irrigation works in Ajmer-Merwara for the year 1922-23 based on assessment of the year.

Principal results and operations for the year ended 31st March 1923.

	GRAND TOTAL	Total	EXED AND VARIABLY ASSESSED OLD TAKES. Ajmer Beawar Todgarh	Total	Todgarh do.	Beawar do.	Ajmer Sub Collectorate .	Oros Dave Taxes		Class of Works	
		:	i i i	. :	:	:	:	Rs.	to end of year.	outlay (direct and	
	11,775	6,100	2,297 2,784 1,019	5,675	1,116	2,375	2,185	Bs.	Water Revenue.	נס	
	4,309	3,227	1,808 1,221 198	1,082	135	453	494	Rs.	Miscella neous.	DIBECT REVENUE	
	16,084	9,327	4,105 4,005 1,217	6,757	1,250	2,828	2,679	ж.	Total.	E.	REVENUE
	33,239	38,239	16,632 11,814 4,793	:	:	:	i	Re.	Water Revenue,		ASSESSMEN
	35,798	35,798	12,471 10,769 12,558	:		:	:	Rs.	Share of well assessment.	Indineer Reve	REVENUE ASSESSMENT DURING THE
	7,395	7,395	3,505 3,304 586	:	:	:	:	Rs.	Difference between dry and wet rates.	Revenue.	THE YEAR.
	76,432	76,482	32,608 25,887 17,937	:	:	:	:	Rs.	Totul.	·	
	92,516 ·	85,759	36,71 3 29,892 19,154	6,767	1,250	2,828	2,679	Rs.	Grand Total.		
	3,001	274	92 139 43	2,817	747	712	1,358	Rg. /	indirect.	Working Expenses,	,
ļ	89,425	85,485	36,641 29,753 19,111	3,940	503	2,116	1,321	Rs.	the year.	Net assessed	
	•	:	1 1 1	. :	:	:	;	Rs.	Ontlay to end of year.	Percentage on Capital	
		,									_

E. C. GIBSON, I.C.S.,

Commissioner, Ajmer-Merwara.

There is a second of the secon

nr 1922-23.

t the figures of certain villages were rotted E. C. GIBSON, I.O.S.,	E. C. GIBSON, I.C.S.,	IBSO.	E. C. GIBSON, I.C.S.,	e rothta	llages wer	atain vi	ns of co	Lat the fig	the fact 1	is due to	ent 111-E	h Statem	s compared wi	ated area) n	od and orderig	zeres (frifizat	. The increase of 10% acres (irritated and unitrigated area) as compared with Statement III-E is due to the fact that
n of the latte	submissic	od after	and complet			-	1:		1,524	1,7691	1530'8	18,000	62,337.}	3,521	1310.3	63.63	Grand Total
	: :	:	:			_ <u> </u>		0 4	1,40	1,1817	7,581;	10,6741	1100'9	200	2,0031		Total .
	: :	: 	:	<u></u>	·		Ť	2			-				0.00		Tedgath
•	: : :		: : :	; ; ;	: : :	: : :	: : :	15: 2:1	1,205 161 48	103 103 103	1,474	0,007 7,180;	ft517 ft63/6 c03	1,518}	2,103	2002	Parp and Validher Assess blanks Ashes
		<u> </u>				_ 	:	62	120	1773	1835	1,9353	525	C	£ 2.2		Total •
	:	:	:	:		$\overline{}$				<u> </u>		# C	1001	138	20	*** ***	Tedgarh
	: :	: : :	: : :	: : :	: : :	: : :	; ; ;	5.05 5.10	41 42 37	7 <u>1</u> 372 108	47 401 20 20 20 20 20 20 20 20 20 20 20 20 20 2	Acr. 4. 7001 8101	Acres. 152 2401	9 10 22 A	1601	340 167	CLOF HATL TABLE.
	:							Acres.	Acres.	Acros		1		-	es es	***	
		Ì	<u> </u>	i ;	٤	12	=	ö		s	~7	0	.				The second secon
19	18	17	16	=	5	-		area.	1	1 = =				Irrigated. Uningated.		44 -27 -27 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	nas Saughan
	Rabi.	Kharif.	Kharif. Rabi	Rabi. K	Kharif, I	Rabi.	Kbarif.	Percentage 1	Area Pr	Titt.	Flow. I	Total.		F.I.I.	y agranting	Enance	Class of works.
Пенавке.		OTILISLE	AT HEAD.	1	Utilised,		Ат Пиап	OFFED.	Double Chorred.				THE GATED AND DATEMENT	THE GATE	AUEAE	ryama e tuappanatus. ya e ina na a e	no granda de Maria
	OND.	BATED	CUBIC FOOT PER SECOND.	Cu A	AVERAGE DISCHARGES CUBIC FEET PER SECOND.	ET PE	WERAC	Q.		ACRES.	OFAS ILL	tion W	Statement of Areas Irrigated by Irrigation Works in Confession of Average discharges cubic four fourth for the confession of Areas Irrigated by Irrigation Works in Confession of Average discharges cubic fourth for the confession of Areas Irrigated by Irrigation Works in Confession of Co	Irrigated	of Areas	Statemen	
	-		922-20.	year 1	ng the	t duri	Distric	erwara]	mer-X	the Ai	; ;	1					

P. W. D. Statement I-E.

Statement of Areas irrigated by Irrigation Works in the Ajmer-Merwara District during the year 1922-23.

	Clifar Tank	Balad New and Old Tank .	Jelia Now Tank	Rejosi	Bir.	1		Name of works.	
•			£0	:	103	to.	Kharif.		
	10	1834	103	•	;	မ	Ravi.		AΉ
	22	1611	84 27	:	10}	4	Total.		AREAS IRRIGATED IN ACRES.
	:	çs	:	÷	10}	c ₁	Flow.		HEATED
	12 85	145%	\$\$ \$\$;	;	6	Lift.		IN AC
	;	:	:	:	:	7	Area irrigated.	Double	RES.
	:	:	:	:	:	8	Percentage total aloa.	Double Chorped.	
	:	}	:	:	:	9	Kharif.	Ar I	АVЕНА FI
		•	:	:	•	10	Rabi.	HEAD.	GE DISCI
	:	i	:	:	:	11	Kharif.	Urilised.	AVERAGE DISCHARGE CUBIC FEET PER SECOND.
-	•	. :	:	:	i	12	Ŕabi.	ED.	BIC
_	:	•		: 		19	Kharif.	Длеси. На	AREA J
_	•	:	! .	<u>.</u>	:	14	Rabi.	DISCHARGE AT HEAD.	RRIGATE PER SEC
-	:	i		:	:	16	Kharif.	CaelTlag.	AREALURIGATED CUBIC TEET PER SECOND.
_	:	·	. :	:	:	16	Rabi.	ED.	TEE
per nere.	2.33 = .08 M. C. feet	1517 = 104 M. C. feet per acre.	Tank had no water above shince level and there- fore no measurements	1:45 22 21	4 M. Cubic Feet.	17	stored water used per nore of hingated areas	REMARES.	-

E. C. GIBSON, I.C.S.,
Commissioner, Ajmer-Merwara.

]_	-	:	CARDAID AVALUE
O Thirty of the state of the st	e 7.7	1.2	<u>త</u> ీ	29:1	0,824}	8,091	92,516	4,309	76,439	11.775		GRAND TOTAL
	8:7	4	.03	:32	8,7661	274	85,759	8,227,	76,432	6,100	:	Torat .
	6:0 11:9 16:9	. 1.8 4	.02	·25	5,545 2,163 1,058	92 139 43	36,713 29,892 19,154	1,808 1,221 198	32,008 25,887 17,937	2,297 2,784 1,019	: : :	Fixed and Variably assumed Tanks. Ajmer Sub-Collectorate
,		5:3	2.7	41.6	1,058	2,817	6,757	1,082	:	5,675	•	Total .
	:::	5.6	9.2 1.7	50.7 25.2 59.8	4084 4194 230	1,358 712 747	Rs. 2,679 2,828 1,250	Rs. 494 463 135	Re	11s. 2,185 2,875 1,116	: : :.	Chof bate Tanks. Ajmor Sub-Collectorato Beavar Todgarh "
:							6	6	87-	မ	ŧc	1
13	Indirect.	Direct.	6 Per acre irrig	Per cent. on Revenue.	Acres irrigate	Working expense and Indirect.	Total.	Miscellancous.	Indirect.	Direct.	discharge of the sear at duct lead in cubic feet par second.	Class of works.
REMARKS.			ated.	gross	d du	808, Dir		WATER REVENUE ASSESSED.	TER REVES	L'AI	Asorage	
	ATED.	ATER REVEN	PENSES. W	ORKING EX	ring	venue of	water K	ussessed .	nses and	ing Expe	of Work	Statement showing incidence of Working Expenses and assessed water Revenue of the Working Expenses. Water Revenue per Revenue
ag the year 1922-23.	ra, durî	r-Merwa	in Ajm	on works	Trrionti		II-E.					

Commissioner, Ajmer-Merwara. E. C. GIBSON, I.C.S.,

•	Chilar Tank	Balad New and Old	Jalin Tank	Rajosi	Bir ,	1	Name of work,		State
•	:	<u> </u>		<u>:</u>	.:	100	Average discharge of the canal head, cubic feet per	year at	ment
-	:	:	•	:	Rs. A. P. 1 14 0	¢0 ;	Occupier's.	· · W ·	showing
	:	:	:	:	: , ¤	4	Owner's.	WATER RATE	incid
	.112	478	922	:	Rs. 20	6	Direct.	TE ASE	ence c
	:	:	:	:	: B	6.	Indirent.	ASBESSED.	of Wo
•	112	478	922	: 	R ₃ ,	-3	Total direct and indirect.		rking
	139	585	1,070	. 12	Rs.	∫ ∞	Gross assessed revenue frances.	om all	Exp
	124 14 0	183 13 0	232 13 0	147 ,0 0	Rs. A. P.	9	Working expenses, dire	ect or	enses and
	·22	CO #12	1514	:	104	10	Area irrigated during the	year,	Statement showing incidence of Working Expenses and assesed water Revenue
	8.68	92.5	20.8	2	More than cent per cent,	ı	Percentage on gross revenue.	Woл	water Re
	470	5 4 0	∞	:	Rs. A. P. 14:09	12	Per acre irrigated.		
	:	:	:	:	:	13	Por cubit feet per second of discharge of canal head.	XPENSES,	artue In
		;	:	:	Rs. A. P.	14	Per nore irrigated.	Occupier's	on Tanks in Aimer and Boomer Makeila for 1/100 an
-	:		:	:	•	16	Per cubic feet per second of discharge of canal head.	and be	i na i
	4 0 0	13 10 0	6 2 0	:	Rs. A. P.	16	Per acre irrigated.	TOTAL WE ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	^
~	:	: 	:	:	:	17	Per cu to feet per second of discharge of canal head.	War Lansies for 1	
	~			(A		18	Remarks.	[822-28.	7700

Commissioner, Ajmer-Merwara. E. C. GIBSON, I.C.S.,

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Comparative Statement of Irrigation and Rainfall for the year 1922-1923 in the Ajmer-Merwara District:

Norz.—When a Civil District is Irrigated from two or more Irrigation Works, columns 7—14 inclusive should be totalled server 17,08815		GRAND TOTAL	Total .	Todgarh Do,	Ведитаг До,	A jmer Sub-Collectorate	MIXED TANKS. mer awar awar awar awar awar awar awar aw		Todgarh Do.			VABIABLE TANKS. 17.5.72,702,70	31 39 08	Total	Todgarh Do. ; .,	Beawar Do	Ajmer Sub-Collectorate	Chop hate Tanks,	22		Civil District. Total area in acres.		OF .
brigated from two or more l						Tod	ner iwar igari mer war garh	· ·	Cotal Cotal		3,1 1,2 4; 1	5,02 1,49 7,45 2,48 1,42 0,56 3,45 1,71	9 0 5 L ³		•			•	8	acres,	_ <u>S</u>		OF THE CIVIL DISTRICT.
rigation Works, columns 7-						-			-	· 							,		6		No. Name		WORKS SUPPLYING LERI-
-14 inclusive sh	25,216	9,745	1,747	8,129	4,869			16 470	010	12,412	;	1		:	:	:			7		, 1	manifed e	Culturable
ould be total	81.622	10,427	1,957	3,300	5,170	-	17,097		·		•	0,000	2 500	351	1,750	1,497	-		8 2.	specified in column b.	irigable by the	estimated -	Area at Fresent
lled ser and	101151	9.1063	7363	2300	70		9486019	116,36	2,057	8,925		DELGOG		136-28	\$69g.	2191			ဗ	Kbarif.			
990E9TFC	E PO	70/1	281	4791	80		4,816153	13948	9564	8,722		4517134	120	24747	1,045}	5243			10	Rabi.	1921-1922.		.
17,59378	168'9		1.0174	2,773}	100	.	10,916,58	255183	3,013	7,647		2,72018	90000	2000	1,605}	738			11	Total.			BEA IBBIG
5,9424	1,584	900	л і Э	467	612 /		3,9383	115	4891	3,8841		4193	12	70	1073	240			12	Klaif.			ÅREA IBRIGATED IN ACRES
3,8461	1,6124	122	20.00	\$ 000 kg	982;		1,7081	. 194	£376	566		6243	1975	;	2984	1681			18	Rabi.	1922-1923,		RES.
9.788	\$,096}	726	776	2 2	1.6941		5,647	808	1,387 <u>1</u>	3,9103		1,0441	2293	15	4061	4081			Z	Total.	, ,		
	····-			A B T	jme logwa odga	r ir irh	:	· .		10'—8 17' -8 17'—7	6" 5"						ı	, ₁	=	1921-1922.		PAINFALL	D
		,		A B T	jmer eawa odga	r rh	:	•	· 1	3'-2 2'-7 3'-3	0" 5" 7 "	_						10		2. 1922-1923.		LL INCHES.	

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I. A. O. FITZPATRIC, I.O.S. Commissioner Ajmer-Merwara.

Statement

Statement of experimental cuttings of crops in Ajmer-Merwara

Ta	ınk.	Village.	Name :of cultivator.	Harvest and area of field.	Area cut.	Distance of field from tank.	Whether irrigated by lift or flow and number of waterings.	Weight of grain cut.
.,,						,		-11
	1	2	3	4	5	6	7	8
· .	Ајмев Тен	sīĻ.		-	Big. Bis.	, 1	. ,	Mds. s. ch
Chat .	: • •	Chat	Ram Nath, son of Pratap Jat.	Kharif. Cotton field, No. 308,	1-191	About 1,400 feet.	Flow 2 waterings	8 0 0
	•	,		1 Bigha,				,
Do.	• • •	Do	Chhogu, son of Parsa Ealai.	<i>Rabi.</i> Gujji fi ⁻ ld, No. 197/10,	2-18	In the bed of tank.	Agor (bed) •	7 0 0
Jagpura		Jagpura .	Sanota, son of Ghisa Jat.	2 Bighas, 18 Biswas. Kharif. Maize field, No. 343,	15	About 300 feet.	Flow 1 watering	5 O O
Do.	• •	Do	Deva, son of Jai Ram Balai,	1 Eigha, 5 Biswas. Kharif. Cotten field, No. 375,	1-51/2	About 400 fest.	Flow 2 waterings	4 0 0
Nirjaran		Nirjaran	Magna, son of Gaisha Khati.	1 Bigha, 5½ Biswas. Kharif. Cotton field, No. 473,	2-0	About 1,000 yds.	Flow 1 watering	8 0 0
Do.	• •	Do.	Sawai, sen of Gudha Gujar.	% Bighas.	3-53	About 860 yds.	Flow 1 watering	20 0 0
	BEAWAE TI	EHSIL.		3 Bighas, 5½ Biswas.			,	
	Nil.			i				
Nadinal	Todgare I	Ensil.	Lala, son of Jassa	Rharif.	0-5	410 yards.	Flow 1 watering	205 lbs.
,				1 Bigha,				

VI. during 1922-23,—Fasli 1330.

	PRODUCE	PER ACRE.	77	LUB THR ACEI	t,			
Weight of straw out.	Grain.	Straw.	Grain.	Bhuss.	Tetal.	Deduct expenditure.	Profit.	Rumaurs.
5	10	11	12	13	14	13	16 .	17
Mds. s. ch.	Mds. s. sh.	Mds. s. ch.	R*. n. p.	Rs a. p.	Es. a. p. 156 O O	1	Ra. a. p.	
7 0 0	: 600	600	21 O O	300	27 0 0	21 0 0	3 (1 0	
3 20 0	10 0 0	700	\$0 n 0	5 0 0	25 0 0	31 0 0	100	; ! ! !
	800		00 0 0		98 Q C	65 0 0	31 0 0	
•••	10 0		120 0 0		120 0 0	55 0 0	35 0 0	Angel III
20 0	0 15 0	0 15 0 0	45 0 0	5 0 0	50 0 (36 0 0	15 0 0	
348 lbs.	2,050 lbs	3,489 lbs.	75 0 (8 0 0	83 0	25 0 0	68 O O	

E. C. GIBSON, r.c.s.,